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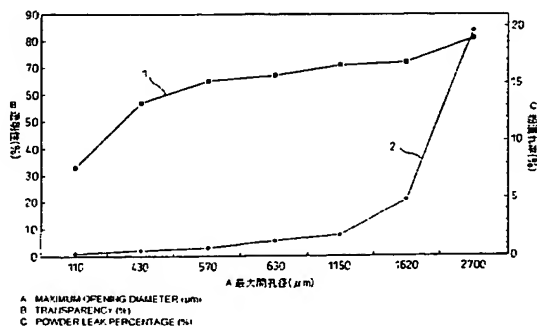
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(54) Title: NONWOVEN FABRIC AND TEA BAG

(54) 発明の名称: 不織布及びティーバッグ

(57) Abstract: A thermoplastic synthetic fiber nonwoven fabric which  
has a weight of 7 to 50 g/m<sup>2</sup>, an average fiber diameter of 7 to 40 μm, a  
partial heat contact bonding percentage of 5 to 30 %, a delustering agent  
content of 0.5 wt % or less; or a laminated nonwoven fabric character-  
ized in that it comprises the thermoplastic synthetic fiber nonwoven  
fabric as a primary component and has a maximum opening diameter  
of 200 to 2000 μm, a transparency of 50 % or higher, a powder leak  
percentage of 10 wt % or less, and a value representing the hydrophilic-  
ity thereof of less than 10 seconds; a tea bag using the nonwoven fabric.

(57) 要約:

目付が 7 ~ 50 g / m<sup>2</sup>、平均繊維径が 7 ~ 40 μm、部分熱圧  
着率が 5 ~ 30 %、艶消し剤の含有量が 0.5 wt % 以下の熱可塑  
性合成繊維不織布、または該熱可塑性合成繊維不織布を主たる構成  
要素として積層された不織布であり、最大開孔径が 200 ~ 2000  
μm、透明性が 50 % 以上、粉洩れ率が 10 wt % 以下、親水性  
が 10 秒未満であることを特徴とする不織布、および該不織布を用  
いたティーバッグ。

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LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO,  
NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,  
SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN,  
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AZ, BY, KG, KZ, MD, RU, TJ, TM), ヨーロッパ特許  
(AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB,  
GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR),

添付公開書類:

— 国際調査報告書

2 文字コード及び他の略語については、定期発行される  
各 PCT ガゼットの巻頭に掲載されている「コードと略語  
のガイダンスノート」を参照。

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/08005

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl<sup>7</sup> D04H3/14, A47J31/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl<sup>7</sup> D04H1/00-18/00, A47J31/06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Jitsuyo Shinan Koho 1926-1996 Toroku Jitsuyo Shinan Koho 1994-2003  
Kokai Jitsuyo Shinan Koho 1971-2003 Jitsuyo Shinan Toroku Koho 1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
WPIL D04H3/14, A47J31/06

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 6-181688 A (UNICAFE INC.), 05 July, 1994 (05.07.94), Full text (Family: none)	1-11
A	JP 7-136066 A (Asahi Chemical Industry Co., Ltd.), 30 May, 1995 (30.05.95), Full text (Family: none)	1-11
A	JP 6-189853 A (Asahi Chemical Industry Co., Ltd.), 12 July, 1994 (12.07.94), Full text (Family: none)	1-11

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:  
"A" document defining the general state of the art which is not considered to be of particular relevance  
"E" earlier document but published on or after the international filing date  
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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
"&" document member of the same patent family

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International application No.  
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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 11-43855 A (Unitika Ltd.), 16 February, 1999 (16.02.99), Claims; Par. Nos. [0027] to [0029], [0035]; examples 1 to 6 (Family: none)	1-11
A	JP 11-107153 A (Unitika Ltd.), 20 April, 1999 (20.04.99), Claims; Par. Nos. [0028] to [0030], [0036]; examples 1 to 6 (Family: none)	1-11
A	JP 9-105075 A (Mitsubishi-kagaku Foods Corp.), 22 April, 1997 (22.04.97), Full text (Family: none)	1-11